



S E P T E M B E R 2 0 1 4



@ the Bradbury

Special News & Events

NEW Exhibit Opens September 17! Environmental Research and Monitoring



After many months of hard work by a dedicated team, the museum is thrilled to announce the grand opening of its newest exhibit on Los

Alamos National Laboratory's environment programs. From the Rio Grande, up through canyons and mesas, to the base of the mountains, Lab land hosts hundreds of archaeological sites—the layout of ancient stone pueblos, petroglyphs carved in rock, old log cabins, and more—and a thriving diversity of plants and animals, including threatened and endangered species. This exhibit will cover the extensive research being done by scientists in the interest of studying and protecting these historic archeological sites, its local wildlife and fragile ecosystems. Using modern and creative interactive elements such as apps, puzzles, and simulations, this exhibit will offer the public a chance to learn how to identify ancient artifacts, wild animals, and even climate change patterns. We invite you to join us for a grand opening reception where there will be giveaways and a special lecture.



Save the Date!

SEPT
5-13

Los Alamos ScienceFest Events and Programs Daily

A weeklong festival starting with Rocket Day and ending in Expo Day.

SEPT
13

NM PBS Science Café

10:30 AM to 12:30 PM

Secrets Beneath the Ice

Widespread ice sheet melting and global climate change

SEPT
17

Exhibit Grand Opening: Environmental Research and Monitoring

4:00 PM to 7:00 PM

First-look reception, remarks, special lecture, and giveaways.

SEPT
18

Science on Tap

5:30 PM to 7:00 PM

@ Manhattan Project Restaurant
1789 Central Avenue
Los Alamos, NM

SEPTEMBER
5–13, 2014

LOS ALAMOS SCIENCEFEST

Join us during **Los Alamos ScienceFest!**—a week of interactive demonstrations, hands-on activities and dynamic speakers meant to engage kids, families, and individuals interested in life-long learning in science, technology, engineering and math. During the week, community businesses and organizations will be presenting events throughout the county culminating in EXPO DAY at Ashley Pond on the last Saturday of the festival. The Bradbury Science Museum is participating by hosting a number of these events, most of them featuring Lab scientists, engineers and technical staff. To find out more, visit our webpage at <http://www.lanl.gov/museum/events/happening-now.shtml>.



Saturday, September 6

10:00 AM – 4:30 PM

ACTIVITY: TEDxABQ Streaming Party

Sunday, September 7

4:00 PM – 5:00 PM

LECTURE: Heavy Lifting in Space: Building the International Space Station

Tuesday, September 9

5:30 PM – 7:00 PM

LECTURE: Accelerating Global Forest Mortality

Wednesday, September 10

12:30 PM – 3:30 PM

WORKSHOP: Reverse Engineering Pizza Party (*REGISTRATION REQUIRED*)

5:30 PM – 7:00 PM

LECTURE: Climate Impacts and Feedbacks in the Arctic Ecosystems

6:00 PM – 7:00 PM

ACTIVITY: The Training Games

Thursday, September 11

5:30 PM – 7:00 PM

LECTURE: LANL's Forest Management Plan

6:00 PM – 7:00 PM

ACTIVITY: Feel the Thrill: Experience the Oculus Rift

Friday, September 12

5:30 PM – 7:00 PM

LECTURE: Overview of Recent Climate Change Science Developments and Actions for Resilience

6:00 PM – 7:00 PM

ACTIVITY: Hidden in Plain Sight: Augmented Reality

Saturday, September 13

10:30 AM – 12:30 PM

NMPBS SCIENCE CAFÉ: Secrets Beneath the Ice

Scenes From Robotics Night

Nearly 600 people visited the museum on Friday night, August 22, to enjoy the robotics shows and activities provided courtesy of Los Alamos National Laboratory, University of New Mexico – Los Alamos, FIRST Robotics, and many other local enthusiasts. Thank you to everyone who came!



SCIENCE ON TAP

Be sure not to miss the next installment of “Science on Tap” on **Thursday, September 18**, at the Manhattan Project restaurant in downtown Los Alamos. Rashi Iyer will talk about ATHENA – a miniaturized human model with working artificial organs used for testing pharmaceuticals and toxic materials. Finding alternatives to toxicity testing on animals and studying anatomy with cadavers has never been more important as scientists continue to raise questions about the effectiveness of animal response to drugs, and cadavers are in ever-increasing short supply. “On Tap” happens every Thursday evening starting at 5:30 PM, with science featured on the third Thursday of every month. Other weeks include topics on nature, art, and history.



To subscribe to our monthly newsletter, visit the museum’s website at:
www.lanl.gov/museum/events/events-mailing.shtml

Subscribe
to our
Newsletter

Mark Your Calendars!

September 2014

| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|--|----------------|---|---|--|--|---|
| | 1 Labor Day | 2 | 3 | 4 | 5 | 6 TEDxABQ Streaming Party 10:00 AM to 4:30 PM |
| 7 | 8 | 9 | 10 | 11 | 12 A | 13 |
| Evening Lecture: Heavy Lifting in Space, Building the International Space Station John Phillips, Astronaut 4:00 PM | | Evening Lecture: Accelerating Global Forest Mortality 5:30 PM | Reverse Engineering Pizza Party 12:30 PM to 3:30 PM -- Evening Lecture: Climate Impacts and Feedback in the Arctic Ecosystems 5:30 PM -- Training Games Activity 6:00 PM | Evening Lecture: LANL's Forest Management Plan 5:30 PM -- Feel the Thrill: Experience the Oculus Rift Activity 6:00 PM | Evening Lecture: Recent Climate Change Science Developments & Actions 5:30 PM -- Hidden in Plain Sight: Augmented Reality 6:00 PM B | NMPBS Science Café 10:30 AM to 12:30 PM |
| 14 | 15 | 16 | 17 EXHIBIT GRAND OPENING: Reception & Lecture 4:00 PM to 7:00 PM | 18 Science on Tap @ Manhattan Project Restaurant 5:30 to 7:00 PM A | 19 | 20 |
| 21 | 22 | 23 | 24 | 25 Rosh Hashana | 26 B | 27 |
| 28 | 29 | 30 | | | | |

*Los Alamos ScienceFest Week (September 5-13, 2014)

About the Museum

Bradbury Science Museum is located at 1350 Central Avenue in downtown Los Alamos, New Mexico. Approximately 40 interactive exhibits trace the history of the WWII Manhattan Project, highlight Los Alamos National Laboratory's current and historic research projects related to defense and technology, and focus on Laboratory research related to energy, environment, infrastructure, health and global security concerns.



Hours: Tuesday – Saturday: 10:00 AM to 5:00 PM, Sunday & Monday: 1:00 PM to 5:00 PM